EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	"5487182".pn. or "3720874".pn. or "4369521".pn. or "5361405".pn.	US-PGPUB; USPAT	OR	ON	2007/06/13 09:30
S2	0	09-199237 or 04-056530 or 61-035412 or 49-056844	JPO	OR	ON	2007/06/13 09:31
S3	3	"09199237" or "04056530" or "61035412" or "49056844"	JPO	OR	ON	2007/06/13 09:41
S4	2699	455/575.7.ccls. or 343/718.ccls. or 343/720.ccls. or 343/872.ccls. or 343/906.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/13 09:42
S5	4739225	@ad<="20040708"	US-PGPUB; USPAT	OR	ON	2007/06/13 09:42
S6	1776	S4 and S5	US-PGPUB; USPAT	OR	ON	2007/06/13 09:42
S7	259	(ear$1phone or head$1phone) near4 antenna	US-PGPUB; USPAT	OR	ON	2007/06/13 09:47
S8	17	S6 and S7	US-PGPUB; USPAT	OR	ON	2007/06/13 09:43
S9	242	S7 not S8	US-PGPUB; USPAT	OR	ON	2007/06/13 09:45
S10	178	S9 and S5	US-PGPUB; USPAT	OR	ON	2007/06/13 09:45
S11	41	(ear$1phone or head$1phone) near4 antenna and (pcb or printed near4 circuit)	US-PGPUB; USPAT	OR	ON	2007/06/13 10:12
S12	27	S11 and S5	US-PGPUB; USPAT	OR	ON	2007/06/13 09:48
S13	394	(ear$1phone or head$1phone) near4 (connector or connection) and antenna	US-PGPUB; USPAT	OR	ON	2007/08/30 14:08
S14	261	S13 and S5	US-PGPUB; USPAT	OR	ON	2007/06/13 10:13

S15	48	(US-20070032130-$ or US-20060028383-$ or US-20040097274-$ or US-20010053228-$ or US-20030026439-$ or US-20050049009-$ or US-20050064764-$ or US-20070047745-$).did. or (US-5870679-$ or US-7064720-$ or US-4857014-$ or US-4913664-$ or US-6217351-$ or US-4894026-$ or US-5906512-$ or US-6039580-$ or US-6094161-$ or US-6114986-$ or US-6174205-$ or US-6183299-$ or US-6215656-$ or US-7221960-$ or US-5475872-$ or US-5805985-$ or US-6979231-$ or US-4846720-$ or US-4180819-$ or US-4299434-$ or US-4370630-$ or US-4381129-$ or US-4396242-$ or US-4989012-$ or US-4992060-$ or US-5506455-$). did. or (US-5556292-$ or US-5599199-$ or US-5608606-$ or US-5650921-$ or US-5696861-$ or US-5775934-$ or US-5928000-$ or US-5993239-$ or US-6010352-$ or US-RE36700-$ or US-6079994-$ or US-6099334-$ or US-6283790-$ or US-6296492-$).did.	US-PGPUB; USPAT	OR	ON	2007/06/14 09:08
S16	4739419	@ad<="20040708"	US-PGPUB; USPAT	OR	ON	2007/06/14 09:08
S17	41	S15 and S16	US-PGPUB; USPAT	OR	ON	2007/06/14 09:08
S18	5	S17 and "455"/$.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/14 09:08
S19	272	(ear$1phone or head$1phone) near4 antenna	US-PGPUB; USPAT	OR	ON	2007/08/30 14:09
S20	4758099	@ad<="20040708"	US-PGPUB; USPAT	OR	ON	2007/08/30 14:09
S21	199	S19 and S20	US-PGPUB; USPAT	OR	ON	2007/08/30 14:51
S22	1	"10570829"	US-PGPUB; USPAT	OR	ON	2007/08/30 14:54
S23	1718	double$1sided with (PCB or printed adj circuit adj board)	US-PGPUB; USPAT	OR	ON	2007/08/30 14:55
S24	14	S23 and (grounding near4 (pattern or plane))	US-PGPUB; USPAT	OR	ON	2007/08/30 14:55
S25	12	S24 and S20	US-PGPUB; USPAT	OR	ON	2007/08/30 15:01

EAST Search History

S26	2541	439/59.ccls. or 439/63.ccls. or 439/76.1.ccls. or 439/55.ccls. or 439/44.ccls. or 439/45.ccls. or 439/46.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/30 15:02
S27	1942	S26 and S20	US-PGPUB; USPAT	OR	ON	2007/08/30 15:02
S28	611	S27 and ground	US-PGPUB; USPAT	OR	ON	2007/08/30 15:03
S29	712	S27 and ground$3	US-PGPUB; USPAT	OR	ON	2007/08/30 15:03
S30	640	S29 and (pin or hole or plug)	US-PGPUB; USPAT	OR	ON	2007/08/30 15:35
S31	5080	(head$1phone or ear$1phone) same (jack or connector or plug)	US-PGPUB; USPAT	OR	ON	2007/08/30 15:37
S32	3599	S31 and S20	US-PGPUB; USPAT	OR	ON	2007/08/30 15:37
S33	131	S32 and "439"/$.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/30 15:38
S34	1	S33 and ground$3 near4 pattern	US-PGPUB; USPAT	OR	ON	2007/08/30 15:39
S35	61	S33 and ground$3	US-PGPUB; USPAT	OR	ON	2007/08/30 15:39
S36	38	S35 and (pin or hole)	US-PGPUB; USPAT	OR	ON	2007/08/30 15:43
S37	7	S36 and pcb	US-PGPUB; USPAT	OR	ON	2007/08/30 15:51
S38	29519	(double or dual or both) with printed and grounding pattern and pin near4 holes	US-PGPUB; USPAT	OR	ON	2007/08/30 15:52
S39	6	(double or dual or both) with printed and grounding adj pattern and pin near4 holes	US-PGPUB; USPAT	OR	ON	2007/08/30 15:54
S40	227	(double or dual or both) with (printed or pcb) and ground$3 adj pattern and holes	US-PGPUB; USPAT	OR	ON	2007/08/30 15:55